

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/901,812

DATE: 07/25/2001
TIME: 14:12:35

Input Set : A:\GENENT.083A.txt
Output Set: N:\CRF3\07252001\I901812.raw

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4 <110> APPLICANT: Pennica, Diane
5   Polakis, Paul
6   Szeto, Wayne
8 <120> TITLE OF INVENTION: UPREGULATION OF TUMOR ANTIGENS TO
9   ENHANCE EFFICACY OF IMMUNOTHERAPY
12 <130> FILE REFERENCE: GENENT.083A
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C--> 14 <141> CURRENT FILING DATE: 2001-07-10
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15 <151> PRIOR FILING DATE: 2000-08-29
17 <150> PRIOR APPLICATION NUMBER: 09/759,056
18 <151> PRIOR FILING DATE: 2001-01-11
20 <150> PRIOR APPLICATION NUMBER: 60/175,849
21 <151> PRIOR FILING DATE: 2000-01-13
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 93 Glu Leu Gln Pro Glu Gly Glu Val Pro Ser Cys His Thr Ser Ile Pro
 94 35 40 45
 95 Pro Gly Leu Tyr His Ala Cys Leu Ala Ser Leu Ser Ile Leu Val Leu
 96 50 55 60
 97 Leu Leu Leu Ala Met Leu Val Arg Arg Arg Gln Leu Trp Pro Asp Cys
 98 65 70 75 80
 99 Val Arg Gly Arg Pro Gly Leu Pro Ser Pro Val Asp Phe Leu Ala Gly
 100 85 90 95
 101 Asp Arg Pro Arg Ala Val Pro Ala Ala Val Phe Met Val Leu Leu Ser
 102 100 105 110
 103 Ser Leu Cys Leu Leu Leu Pro Asp Glu Asp Ala Leu Pro Phe Leu Thr
 104 115 120 125
 105 Leu Ala Ser Ala Pro Ser Gln Asp Gly Lys Thr Glu Ala Pro Arg Gly
 106 130 135 140
 107 Ala Trp Lys Ile Leu Gly Leu Phe Tyr Tyr Ala Ala Leu Tyr Tyr Pro
 108 145 150 155 160
 109 Leu Ala Ala Cys Ala Thr Ala Gly His Thr Ala Ala His Leu Leu Gly
 110 165 170 175

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112 180 185 190
113 Glu Cys Pro Gln Val Pro Lys Ile Tyr Lys Tyr Tyr Ser Leu Leu Ala
114 195 200 205
115 Ser Leu Pro Leu Leu Gly Leu Gly Phe Leu Ser Leu Trp Tyr Pro
116 210 215 220
117 Val Gln Leu Val Arg Ser Phe Ser Arg Arg Thr Gly Ala Gly Ser Lys
118 225 230 235 240
119 Gly Leu Gln Ser Ser Tyr Ser Glu Glu Tyr Leu Arg Asn Leu Leu Cys
120 245 250 255
121 Arg Lys Lys Leu Gly Ser Ser Tyr His Thr Ser Lys His Gly Phe Leu
122 260 265 270
123 Ser Trp Ala Arg Val Cys Leu Arg His Cys Ile Tyr Thr Pro Gln Pro
124 275 280 285
125 Gly Phe His Leu Pro Leu Lys Leu Val Leu Ser Ala Thr Leu Thr Gly
126 290 295 300
127 Thr Ala Ile Tyr Gln Val Ala Leu Leu Leu Val Gly Val Val Pro
128 305 310 315 320
129 Thr Ile Gln Lys Val Arg Ala Gly Val Thr Thr Asp Val Ser Tyr Leu
130 325 330 335
131 Leu Ala Gly Phe Gly Ile Val Leu Ser Glu Asp Lys Gln Glu Val Val
132 340 345 350
133 Glu Leu Val Lys His His Leu Trp Ala Leu Glu Val Cys Tyr Ile Ser
134 355 360 365
135 Ala Leu Val Leu Ser Cys Leu Leu Thr Phe Leu Val Leu Met Arg Ser
136 370 375 380
137 Leu Val Thr His Arg Thr Asn Leu Arg Ala Leu His Arg Gly Ala Ala
138 385 390 395 400
139 Leu Asp Leu Ser Pro Leu His Arg Ser Pro His Pro Ser Arg Gln Ala
140 405 410 415
141 Ile Phe Cys Trp Met Ser Phe Ser Ala Tyr Gln Thr Ala Phe Ile Cys
142 420 425 430
143 Leu Gly Leu Leu Val Gln Gln Ile Ile Phe Phe Leu Gly Thr Thr Ala
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146 450 455 460
147 Leu Phe Arg Ser Leu Glu Ser Ser Trp Pro Phe Trp Leu Thr Leu Ala
148 465 470 475 480
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151 Thr His Asp Gly His Pro Gln Leu Thr Asn Arg Arg Val Leu Tyr Ala
152 500 505 510
153 Ala Thr Phe Leu Leu Phe Pro Leu Asn Val Leu Val Gly Ala Met Val
154 515 520 525
155 Ala Thr Trp Arg Val Leu Leu Ser Ala Leu Tyr Asn Ala Ile His Leu
156 530 535 540
157 Gly Gln Met Asp Leu Ser Leu Leu Pro Pro Arg Ala Ala Thr Leu Asp
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159 Pro Gly Tyr Tyr Thr Tyr Arg Asn Phe Leu Lys Ile Glu Val Ser Gln

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168 625           630           635           640
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VERIFICATION SUMMARY

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3